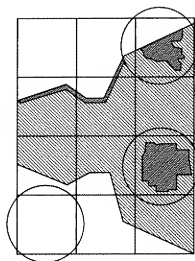
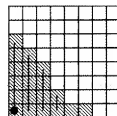


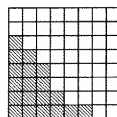
FIG. 1



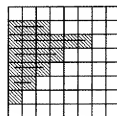
**FIG. 2**



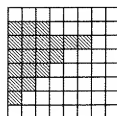
**FIG. 3E**



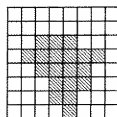
**FIG. 3D**



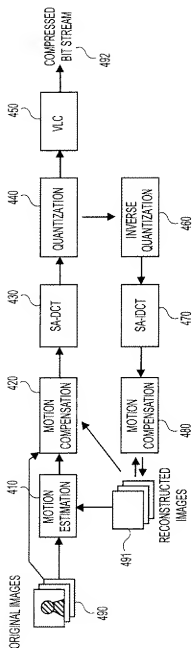
**FIG. 3C**



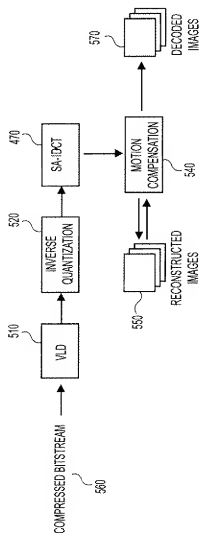
**FIG. 3B**



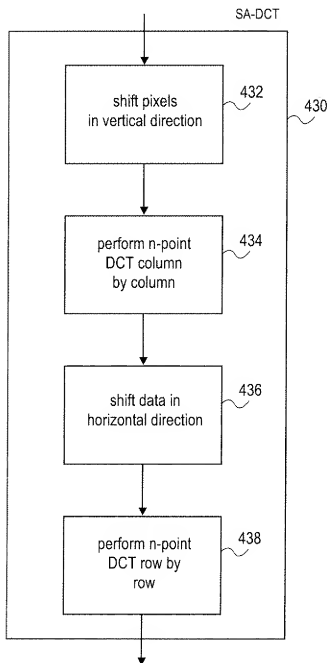
**FIG. 3A**



**FIG. 4**

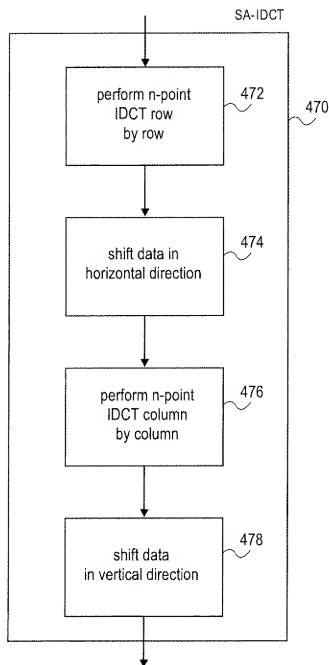


**FIG. 5**

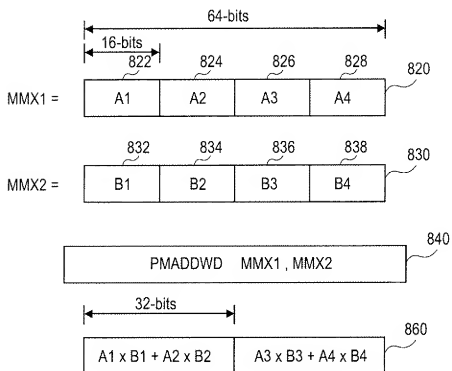


**FIG. 6**

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**FIG. 7**



**FIG. 8**

$$\begin{matrix}
 910 & & 920 & & 930 \\
 \begin{bmatrix} y_1 \\ y_2 \\ \vdots \\ y_n \end{bmatrix} & = & \begin{bmatrix} A_{11} & A_{12} & \dots & A_{1n} \\ \vdots & \vdots & & \vdots \\ A_{n1} & \dots & A_{nn} \end{bmatrix} & \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_n \end{bmatrix}
 \end{matrix}$$

One embodiment of n-point DCT/IDCT

**FIG. 9A**

$$\begin{matrix}
 \begin{bmatrix} y_1 \\ y_2 \\ \vdots \\ y_n \end{bmatrix} & = & \begin{bmatrix} S_{11} & \dots & S_{1n} \\ \vdots & & \vdots \\ S_{n1} & \dots & S_{nn} \end{bmatrix} & \begin{bmatrix} M_{11} & \dots & M_{1n} \\ M_{12} & \dots & M_{1n} \\ \vdots & & \vdots \\ M_{n1} & \dots & M_{nn} \end{bmatrix} & \begin{bmatrix} B_{11} & \dots & B_{1n} \\ \vdots & & \vdots \\ B_{n1} & \dots & B_{nn} \end{bmatrix} & \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_n \end{bmatrix} \\
 & & 922 & & 924 & & 925
 \end{matrix}$$

**FIG. 9B**